IN THE SPECIFICATION

Please amend the portions of the Specification identified below to read as indicated herein.

Page 4, paragraph portion at lines 15 – 16:

When performing the recalculation as outlined for Fig. 1, several difficulties ~~have to~~ are encountered:

Page 9, paragraph starting at line 20:

The transfer function T(f) can then be determined by dividing the transformed signal response 210A by the transformed reference signal 210B. However, instead of directly dividing the transformed signal response 210A by the transformed reference signal 210B, a cross spectrum and an auto spectrum can be determined, as shown in the upper part of Fig. 3. A cross spectrum unit 225 determines the cross spectrum by complex multiplying the spectra of the transformed signal response ~~215A~~ 210A and the transformed reference signal ~~215B~~ 210B. An auto spectrum unit 230 determines the auto spectrum by complex multiplying the spectrum of the transformed reference signal 210B with itself. A transfer function determining unit 240 can then determine the transfer function T(f) by dividing the determined cross spectrum by the determined auto spectrum. This allows eliminating white noise effects thus increasing accuracy.

Page 10, paragraph starting at line 3:

The determined transfer function T(f) is then preferably stored in a storage 250 and can be ~~requested from~~ used by the recalculation unit 60.